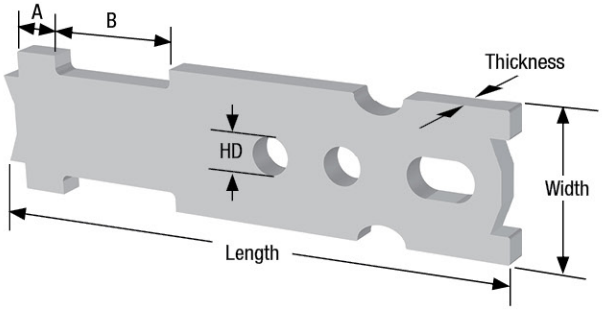
QUIKLIFT™ ERECTION ANCHOR - TECH SERIES



The Erection Anchor Tech Series is designed for horizontal to vertical edge lifting and handling of thin-walled precast elements. The two "ears" on the head of the anchor prevent the clutch from coming in contact and spalling the concrete. The "ears" transfer the shear loads into the anchor and concrete. The shear bar is required with this anchor. A tension bar is typically required to reach the higher tension capacities. Available in 2T, 4T and 8-Ton capacities.

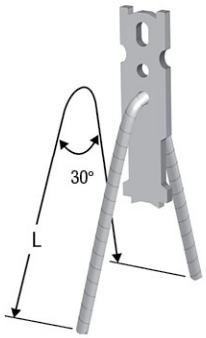
Standard Finish: Hot-Dipped Galvanized

ERECTION ANCHOR - TECH SERIES DIMENSIONS

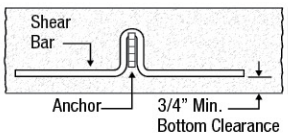
Part Number	Ton	Ring Clutch System	Width	Length	Thickness	HD - Hole Diameter	A	B	Anchor Ultimate Mechanical Load in Tension (lbs)	Weight Per Piece (lbs)
QL527G	2T	2T-3T (QL001)	2"	8-11/16"	3/8"	5/8"	5/8"	2-5/8"	16,000	1.46
QL548G	4T	4T-6T (QL002)	2-1/2"	10-7/16"	5/8"	3/4"	3/4"	2-5/8"	32,000	3.70
QL589G	8T	8T-11T (QL003)	3-3/4"	13-1/2"	3/4"	1"	1"	3-5/8"	64,000	8.65

ERECTION ANCHOR - TECH SERIES LOAD CHART

Part Number	Ton	Ring Clutch System	Anchor Capacity in Concrete, 4:1 SWL				
			Panel Thickness	Shear w/ Shear Bar (lbs)	Tension w/o Tension Bar (lbs)	Tension w/ Tension Bar (lbs)	Min. Corner Distance (in.)
QL527G	2T	2T-3T (QL001)	4" min.	1,490	3,190	4,000	12"
			5"	2,110	3,900		
			5-1/2"	2,130	4,000		
			6"	2,520	4,000		
			7"	2,870	4,000		
			8"	3,160	4,000		
			9"	3,420	4,000		
			10"	3,640	4,000		
			11"	3,840	4,000		
			12"	4,000	4,000		
QL548G	4T	4T-6T (QL002)	5-1/2" min.	2,670	4,970	8,000	15"
			6"	2,990	5,170		
			7"	3,170	6,030		
			8"	3,430	6,910		
			9"	3,650	7,750		
			10"	3,860	8,000		
			11"	3,930	8,000		
			12"	4,010	8,000		
QL589G	8T	8T-11T (QL003)	7-1/2" min.	4,010	7,220	16,000	18"
			8"	4,010	7,690		
			9"	4,120	8,640		
			10"	4,280	9,580		
			11"	4,420	10,610		
			12"	4,550	11,680		



Tension Bars provide a simple and economical method to increase tension capacity. (See Tension Bar Selection Chart)



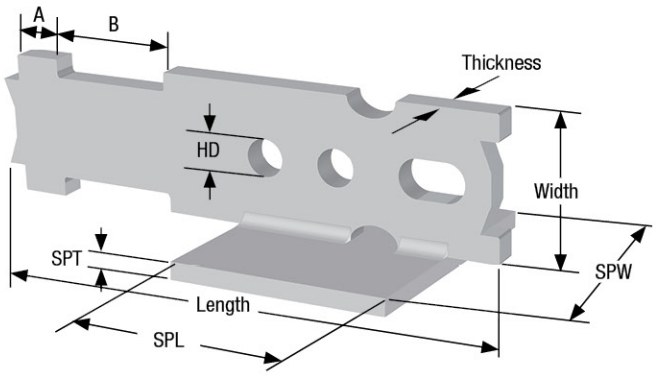
QUIKLIFT™ Shear Bar is required to achieve shear strength shown in chart.

- Table is based on a concrete compressive strength of 3,500 psi and 150 PCF concrete
- Above capacities are based upon mechanical testing and available industry data.
- Minimum anchor spacing is double the corner distance for anchors without tension bars

QUIKLIFT™ ERECTION ANCHOR - TECH SERIES WITH SHEAR PLATE

The Erection Anchor Tech Series with Shear Plate is designed for horizontal to vertical edge lifting and handling of thin-walled precast elements. The two "ears" on the anchor head prevent the clutch from coming in contact and spalling the concrete. The "ears" transfer the shear loads into the anchor and concrete. A tension bar is typically required to reach the higher tension capacities. Available in 2T, 4T and 8-Ton capacities.

Standard Finish: Hot-Dipped Galvanized

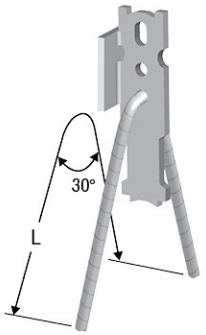


ERECTION ANCHOR - TECH SERIES WITH SHEAR PLATE DIMENSIONS

Part Number	Ton	Ring Clutch System	Width	Length	Thickness	HD - Hole Diameter	A	B	SPW - Shear Plate Width	SPL - Shear Plate Length	SPT - Shear Plate Thickness	Anchor Ultimate Mechanical Load in Tension (lbs)	Weight Per Piece (lbs)
QL527SPG	2T	2T-3T (QL001)	2"	8-11/16"	3/8"	5/8"	5/8"	2-5/8"	2-1/2"	3"	1/4"	16,000	2.04
QL548SPG	4T	4T-6T (QL002)	2-1/2"	10-7/16"	5/8"	3/4"	3/4"	2-5/8"	2-1/2"	3"	3/8"	32,000	4.47
QL589SPG	8T	8T-11T (QL003)	3-3/4"	13-1/2"	3/4"	1"	1"	3-5/8"	3"	3-1/2"	3/8"	64,000	9.97

ERECTION ANCHOR - TECH SERIES WITH SHEAR PLATE LOAD CHART

Part Number	Ton	Ring Clutch System	Anchor Capacity in Concrete, 4:1 SWL				
			Panel Thickness	Shear (lbs)	Tension w/o Tension Bar (lbs)	Tension w/ Tension Bar (lbs)	Min. Corner Distance (in.)
QL527SPG	2T	2T-3T (QL001)	3-1/2" min.	1,430	2,640	4,000	12"
			4"	1,950	3,190		
			4-1/2"	2,020	3,550		
			5"	2,100	3,900		
QL548SPG	4T	4T-6T (QL002)	4" min.	1,800	3,400	8,000	15"
			4-1/2"	2,470	3,860		
			5"	2,660	4,730		
			5-1/2"	2,770	4,970		
			6"	2,860	5,170		
QL589SPG	8T	8T-11T (QL003)	7" min.	4,010	7,100	16,000	18"
			7-1/2"	4,010	7,220		
			8"	4,010	7,690		



Tension Bars provide a simple and economical method to increase tension capacity. (See Tension Bar Selection Chart)

- Table is based on a concrete compressive strength of 3,500 psi and 150 PCF concrete
- Above capacities are based upon mechanical testing and available industry data.
- Minimum anchor spacing is double the corner distance for anchors without tension bars